

Title (en)

PLANTS AND PLANT CELLS ENCODING THE WILDTYPE COP1 GENE AND THE COIL DOMAIN THEREOF

Title (de)

PFLANZEN UND PFLANZENZELLEN KODIEREND FÜR DAS WILTYP COP1 GEN UND SEINE KNÄUELREGION

Title (fr)

VEGETAUX ET CELLULES VEGETALES CODANT POUR LE GENE COP1 DE TYPE SAUVAGE ET POUR LE DOMAINE COIL DE CELUI-CI

Publication

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Application

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Priority

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Abstract (en)

[origin: WO0018940A1] This invention relates to seedlings which demonstrate better emergence characteristics when grown in darkness and improved seedling growth when grown under low-light levels. More specifically, the present invention relates to producing plant cells and whole plants which contain a nucleic acid sequence coding for the Coil domain as well as the sequence coding for the wildtype COP1 gene. The plants of this invention display unopened, compact leaves during seedling emergence in the darkness and reduced etiolation of seedlings grown in low-levels after emergence. The invention further relates to plant breeding methods which enable the transfer of these desirable traits to wildtype plants.

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CPC (source: EP US)

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